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TO: ASSISTANT COMMISSIONER FOR PATENTS  
ATTN: GREGORY C. ISSING PRIMARY EXAMINER

FAX: (703) 872-9326

FROM: J. D. Harriman II - Reg. No. 31,967

DATE: December 19, 2002

SUBJECT: Application No. 09/848,954 and PTO Communication dated 12/03/02.

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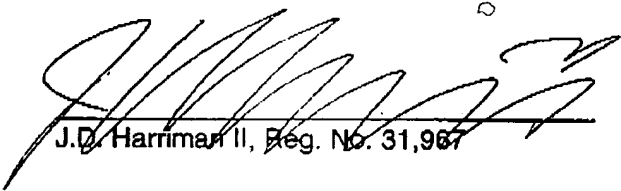
**Please deliver to Mr. Issing immediately upon receipt. Thank you.**

Dear Mr. Issing,

Responsive to the communication dated December 3, 2002, following is a copy of the clean set of claims where were originally submitted with our response of September 9, 2002.

If anything further is required to complete this response, please let us know.

Respectfully submitted,

  
J.D. Harriman II, Reg. No. 31,967

Client Code: 8026-0006

Operator: *VE*

Time: 1300

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Application No. 09/848,954

0008026-0006

CLEAN SET OF CLAIMS

1. A positioning system comprising:  
one or more satellites configured to transmit signals;  
a broadcast station configured to transmit an assistance signal; and  
a receiver configured to receive said signals and said assistance signal.
2. The positioning system of claim 1 wherein said assistance signal includes one or more Doppler frequencies for said satellites.
3. The positioning system of claim 1 wherein said assistance signal includes one or more locations for said satellites.
4. The positioning system of claim 1 wherein said assistance signal includes a list of one or more satellites that are currently available.
5. The positioning system of claim 1 wherein said assistance signal includes one or more navigation bits in said signals from said satellites.
6. The system of claim 1 wherein said receiver is a computing device.
7. The system of claim 6 wherein said computing device is a cellular phone.

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8. The system of claim 6 wherein said computing device is a personal digital assistant.

9. The system of claim 1 wherein said signals and said assistance signals are obtained via a computer network.

10. The system of claim 9 wherein said computer network is the Internet.

11. A method for using a positioning system comprising:  
transmitting signals from one or more satellites;  
transmitting an assistance signal from a broadcast station; and  
receiving said signals and said assistance signal with a receiver.

12. The method of claim 11 wherein said assistance signal includes one or more Doppler frequencies for said satellites.

13. The method of claim 11 wherein said assistance signal includes one or more locations for said satellites.

14. The method of claim 11 wherein said assistance signal includes a list of one or more satellites that are currently available.

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15. The method of claim 11 wherein said assistance signal includes one or more navigation bits in said signals from said satellites.

16. The method of claim 11 wherein said receiver is a computing device.

17. The method of claim 16 wherein said computing device is a cellular phone.

18. The method of claim 16 wherein said computing device is a personal digital assistant.

19. The method of claim 11 wherein said signals and said assistance signals are obtained via a computer network.

20. The system of claim 19 wherein said computer network is the Internet.

21. A computer program product comprising:

a computer usable medium having computer readable program code embodied therein configured to find the position of an object, said computer program product comprising:

computer readable code configured to cause a computer to transmit signals from one or more satellites;

computer readable code configured to cause a computer to transmit an assistance signal from a broadcast station; and

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computer readable code configured to cause a computer to receive said signals and said assistance signal with a receiver.

22. The computer program product of claim 21 wherein said assistance signal includes one or more Doppler frequencies for said satellites.

23. The computer program product of claim 21 wherein said assistance signal includes one or more locations for said satellites.

24. The computer program product of claim 21 wherein said assistance signal includes a list of one or more satellites that are currently available.

25. The computer program product of claim 21 wherein said assistance signal includes one or more navigation bits in said signals from said satellites.

26. The computer program product of claim 21 wherein said receiver is a computing device.

27. The computer program product of claim 26 wherein said computing device is a cellular phone.

28. The computer program product of claim 26 wherein said computing device is a personal digital assistant.

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29. The computer program product of claim 21 wherein said signals and said assistance signals are obtained via a computer network.

30. The computer program product of claim 29 wherein said computer network is the Internet.